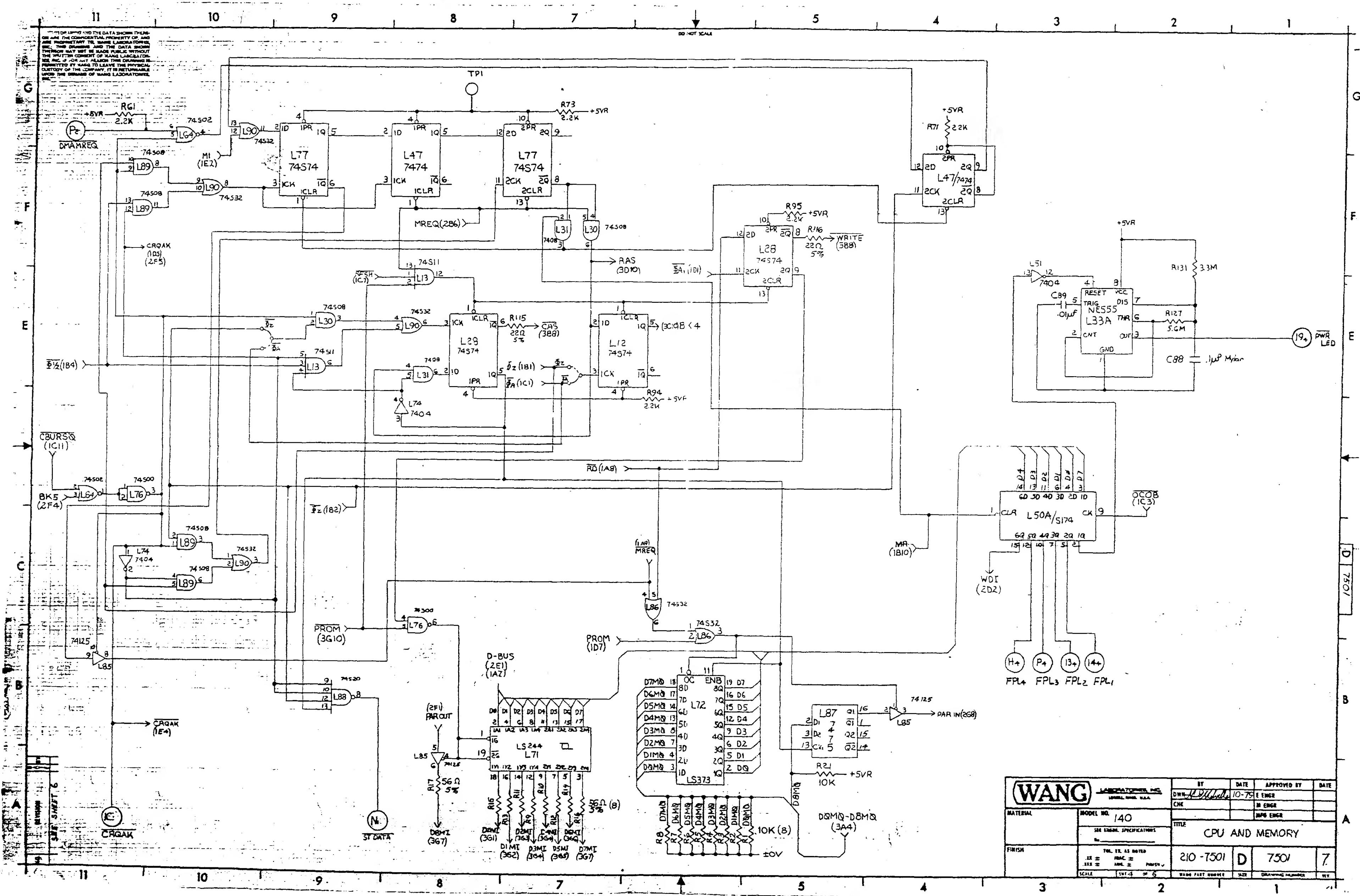


WANG		LABORATORIES, INC. WILMINGTON, MASS. U.S.A.	BY DWN. 10/4/69	DATE 0-73	APPROVED BY E ENGR	DATE
MATERIAL <i>[Signature]</i>	MODEL NO. <i>140</i>	CHK		IN ENGR		
				MFG ENGR		
FINISH <i>[Signature]</i>	SEE ENGR. SPECIFICATIONS <i>No.</i>	TITLE CPU AND MEMORY				
	TOL. CL. AS NOTED XX ± PRAC. CL XX ± = AMT. ± FINISH	210-7501	D	7501	7	
SCALE <i>[Signature]</i>	SET 3 OF 6	WANG PART NUMBER	SIZE	DRAWING NUMBER	P.V.	



"THIS DRAWING AND THE DATA SHOWN THEREON ARE THE CONFIDENTIAL PROPERTY OF AND ARE PROPRIETARY TO, TRANS LABORATORIES, INC. THIS DRAWING AND THE DATA SHOWN THEREON MAY NOT BE MADE PUBLIC WITHOUT THE WRITTEN CONSENT OF TRANS LABORATORIES, INC. FOR ANY REASON THAT DRAWING IS PROTECTED BY TRADE SECRET LAW."

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22 NOV 2010

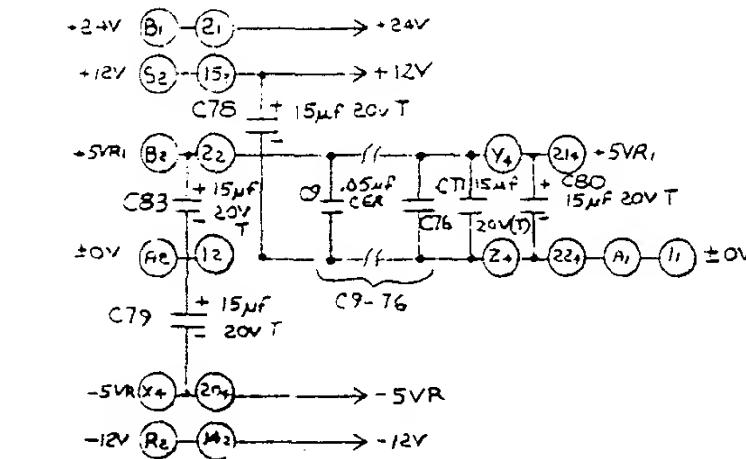
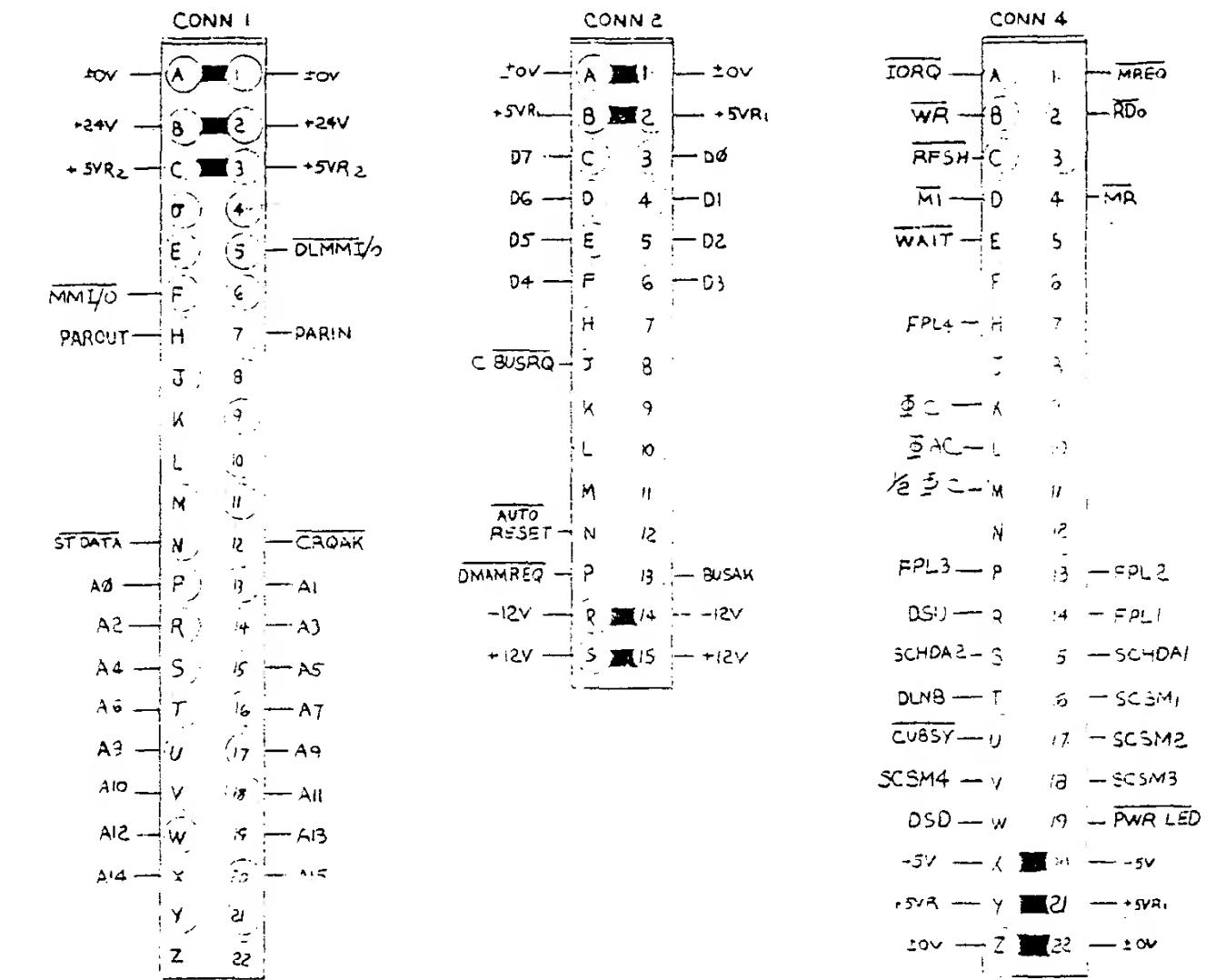
5

2

3

COMPONENT	TYPE	W.L.I*
R1-8,21-29,128	10K $\frac{1}{4}W$ 10%	330-4010
R9-17,111-114	560R $\frac{1}{4}W$ 5%	330-1057
R18-20,115-120,124	22 Ω $\frac{1}{4}W$ 5%	330-1023
R20	:	
R30-96	2.2K $\frac{1}{4}W$ 10%	330-3022
R97-102	4.7K $\frac{1}{4}W$ 10%	330-3047
R133-110	150R $\frac{1}{4}W$ 10%	330-2015
R121-123	330R $\frac{1}{4}W$ 10%	330-2033
R125	1K $\frac{1}{4}W$ 10%	330-3010
R126	12 Ω $\frac{1}{4}W$ 5%	330-1012
R127	5.6M Ω $\frac{1}{4}W$ 10%	330-6056
R129	390R $\frac{1}{4}W$ 10%	330-2039
R130	220R $\frac{1}{4}W$ 10%	330-2022
R131	3.3M Ω $\frac{1}{4}W$ 10%	330-6033
C1-8,77-83	15 μ F 20V (T)	300-4022
C9-76	.05 μ F 12V	300-1900
C84-87,90-121,123-154,166	.1uF 50V	300-1930
C88	.1uF (M)	300-2213
C89	.01uF	300-1903
C155-161,165	47PF 500V	300-1047
C162	680PF 500V	300-1680
C163	18PF	300-1018
C164	150PF 500V	300-1150
C167	3.3uF 15V (T)	300-4016

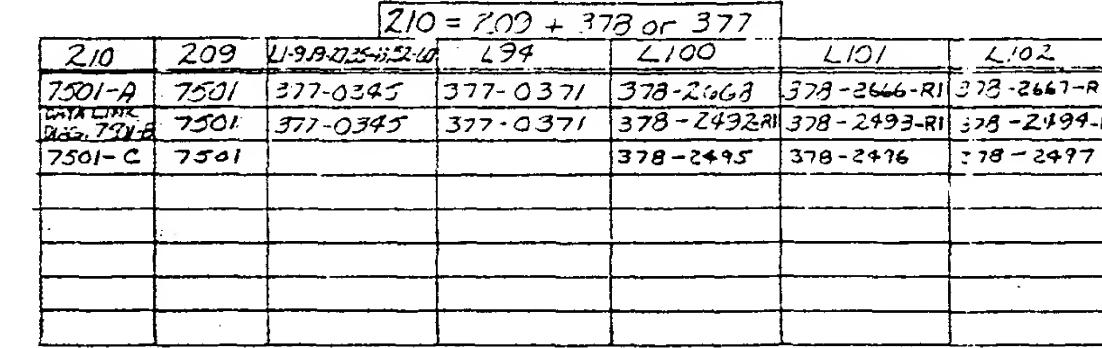
LOCATION	WL PART NO.	TYPE
L1,9,19-27,35-43,52-60	SEE CHART	MK4116
L10,7G,117	376-0228	74500
L11,45,62	376-0198	74530
L12,28,48,77,116,119	376-0202	74574
L13,114	376-0237	74511
L14,31,80,103,110,118	376-0081	7408
L15,47,70,78,89,108,109	376-0006	7474
L16	376-0090	74154
L17	376-0176	74367
L18,72,91	376-0310	74LS373
L29,88	376-0230	74520
L30,89,107	376-0200	74508
L32,66,79	376-0092	7425
L33,85,113	376-0324	74125
L33A	376-0341	NE555
L34,65,86	376-0073	7432
L44,61	376-0217	74S157
L46,63,99	376-0298	74S138
L49	376-0139	7414
L50	376-0003	7410
L50A	376-0247	74S174
L51,74,81,112	376-0010	7404
L64	376-0199	74S02
L67	376-0242	74LS280
L68,69	376-0297	74LS240
L71,73,73,75,105	376-0288	74LS244
L75	376-0197	74S04
L82	376-0296	74S37
L83	376-0004	7420
L87	376-0013	7475
L90	376-0205	74S32
L92	377-0344	Z80-CPU
L94	SEE CHART	Z80-CTC
L96	376-0171	74148
L97	376-0286	74LS374
L98	376-0008	7442
L100-102	SEE CHART	2708
L104	376-0194	7411
L106	376-0285	74LS245
L111	376-0104	9602
L115	376-0045	74H04
L120	376-0068	7437



MNEMONIC	COORD.
AQ-AIS	(1F1)
AUTO RESET	(1E11)
BUSAK	(1A9)
CBUSRQ	(1C11)
CRQAK	(4AII)
CUBSY	(4GII)
DQ-D7	(1A7)
DLMMI/O	(1A5)
DLNB	(4FII)
DMAMREQ	(4GII)
DSD	(4G2)
DSU	(4G2)
FPL1-FPL4	(4B3)
FAAC	(1C1)
FC	(1C1)
Y2FC	(1C1)

MNEMONIC	COORD.
LORG	(IA7)
MI	(IA8)
MMIO	(IA5)
MR	(IA10)
MREQ	(IA9)
PARIN	(4G8)
PAROUT	(4F1)
PWR LED	(4E1)
RDA	(IA8)
RFSH	(IA8)
SCHDA1, SCHDA2	(4B11)
SCSM1 - SCSM4	(4D11)
STDATA	(4A9)
WAIT	(1G11)
WR	(IA8)

E-REV
3



 WANG LABORATORIES, INC. URGEL, MASS. U.S.A.		BY DWA	DATE 10-79	APPROVED BY E ENGR P.E.P.	DATE 10-79
MATERIAL <i>(Signature)</i>	MODEL NO. 140	CHIEF RLL	10-79	MFG ENGR	
		TITLE CPU AND MEMORY			
FINISH <i>(Signature)</i>	TOL. IS. AS NOTED IN. ± <input type="text"/> FRAC. ± <input type="text"/> XXX. ± <input type="text"/> ABS. ± <input type="text"/> FRACTION	209-7501	D	7501	7.
	SCALE <input type="text"/> SAT <input type="text"/> OF <input type="text"/>	WANG PART NUMBER	SIZE	DRAWING NUMBER	REV.